OIPE IAP75
SEP 16 2005
PATENT & TRADEMARK OFFICE

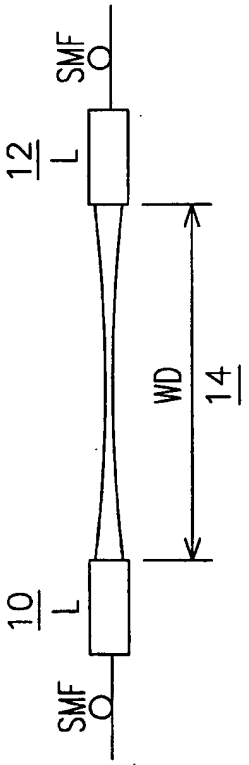

FIG. 1
PRIOR ART

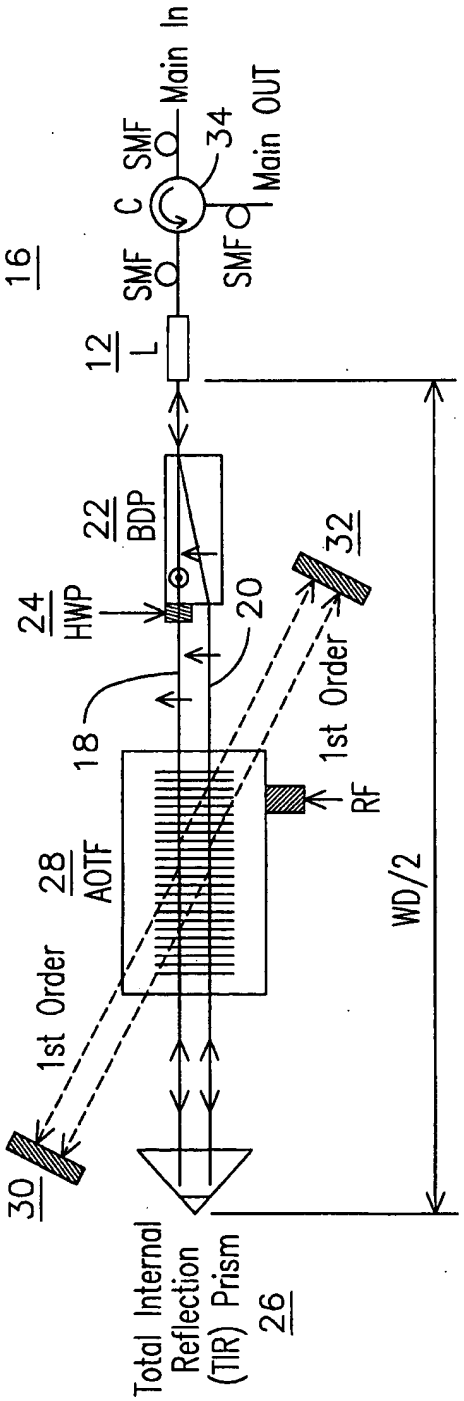

FIG. 2A

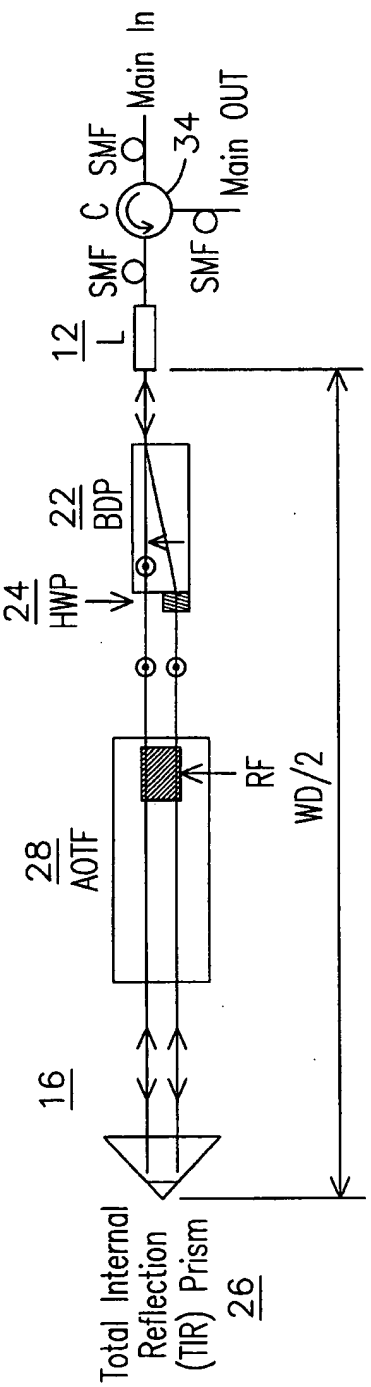

FIG. 2B

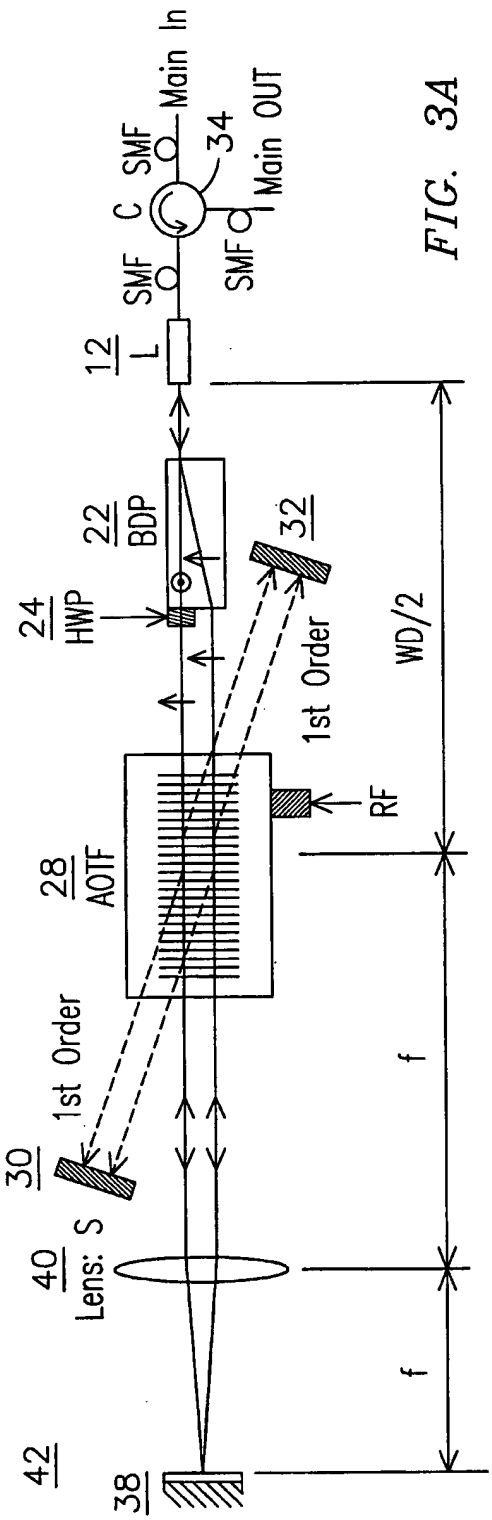
Main In
SMF
C
SMF
34
Main OUT
SMF
12
L
22
BDP
24
HWP
32
1st Order
WD/2
RF
28
AOTF
1st Order
30
40
Lens: S
f
f
42
38

FIG. 3A

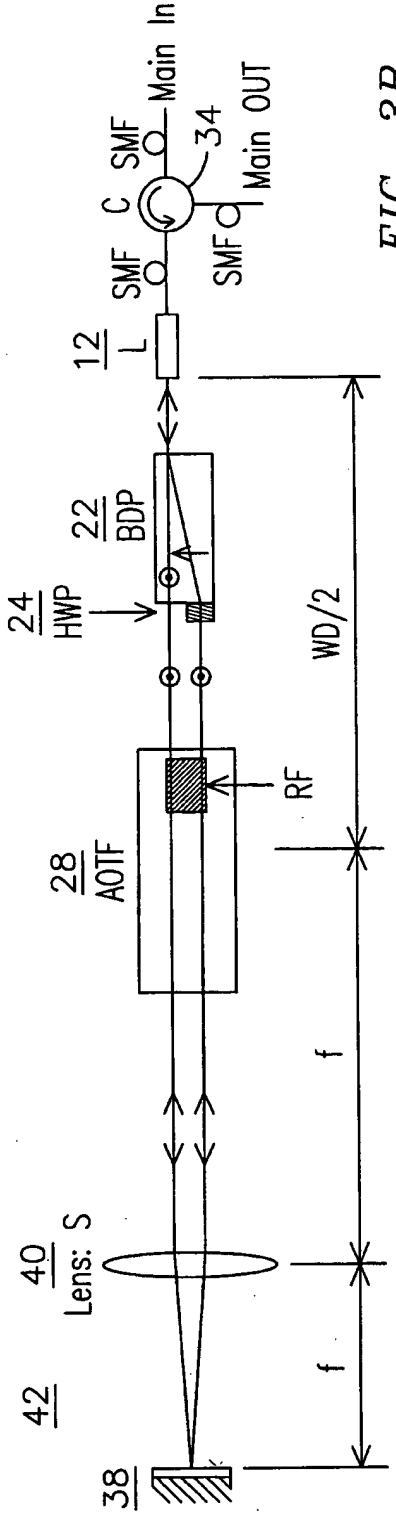
Main In
SMF
C
SMF
34
Main OUT
SMF
12
L
22
BDP
24
HWP
WD/2
RF
28
AOTF
40
Lens: S
f
f
42
38

FIG. 3B

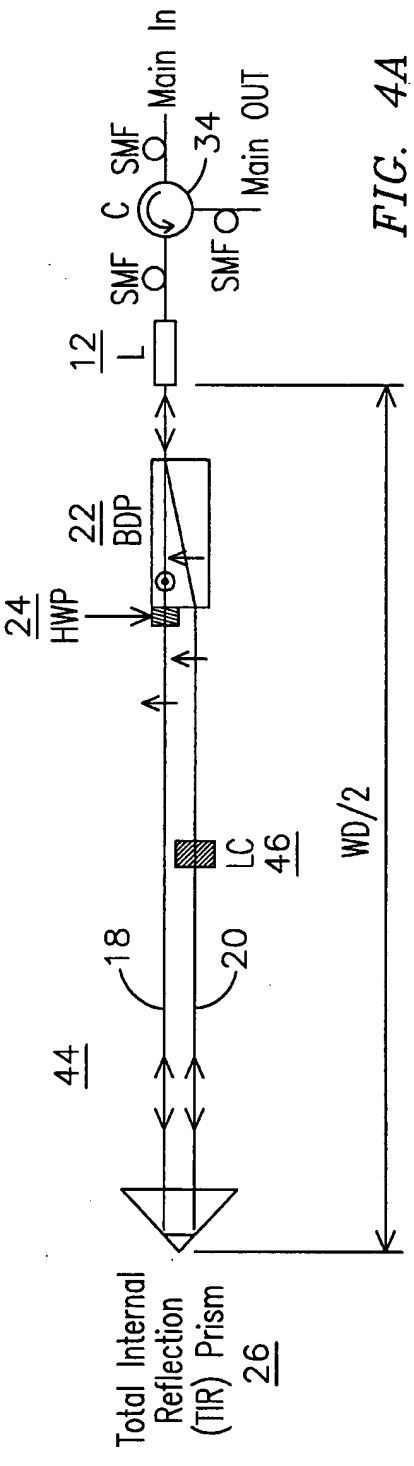
Main In
SMF
C
34
Main OUT
SMF
12
L
22
BDP
24
HWP
LC
46
18
20
44
WD/2
Total Internal
Reflection
(TIR) Prism
26

FIG. 4A

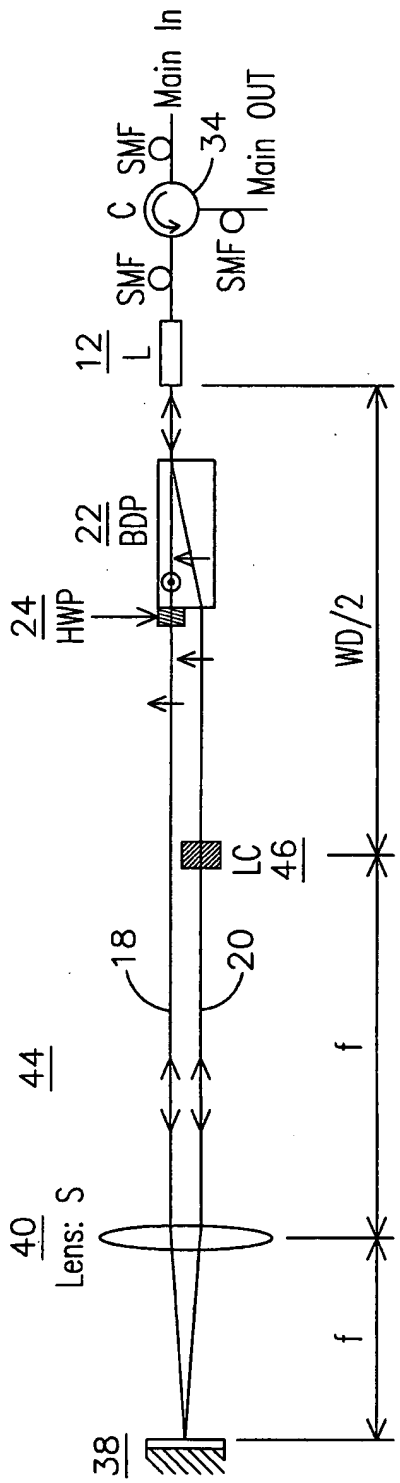
Main In
SMF
C
34
Main OUT
SMF
12
L
22
BDP
24
HWP
LC
46
18
20
44
WD/2
f
f
40
Lens: S
38

FIG. 4B

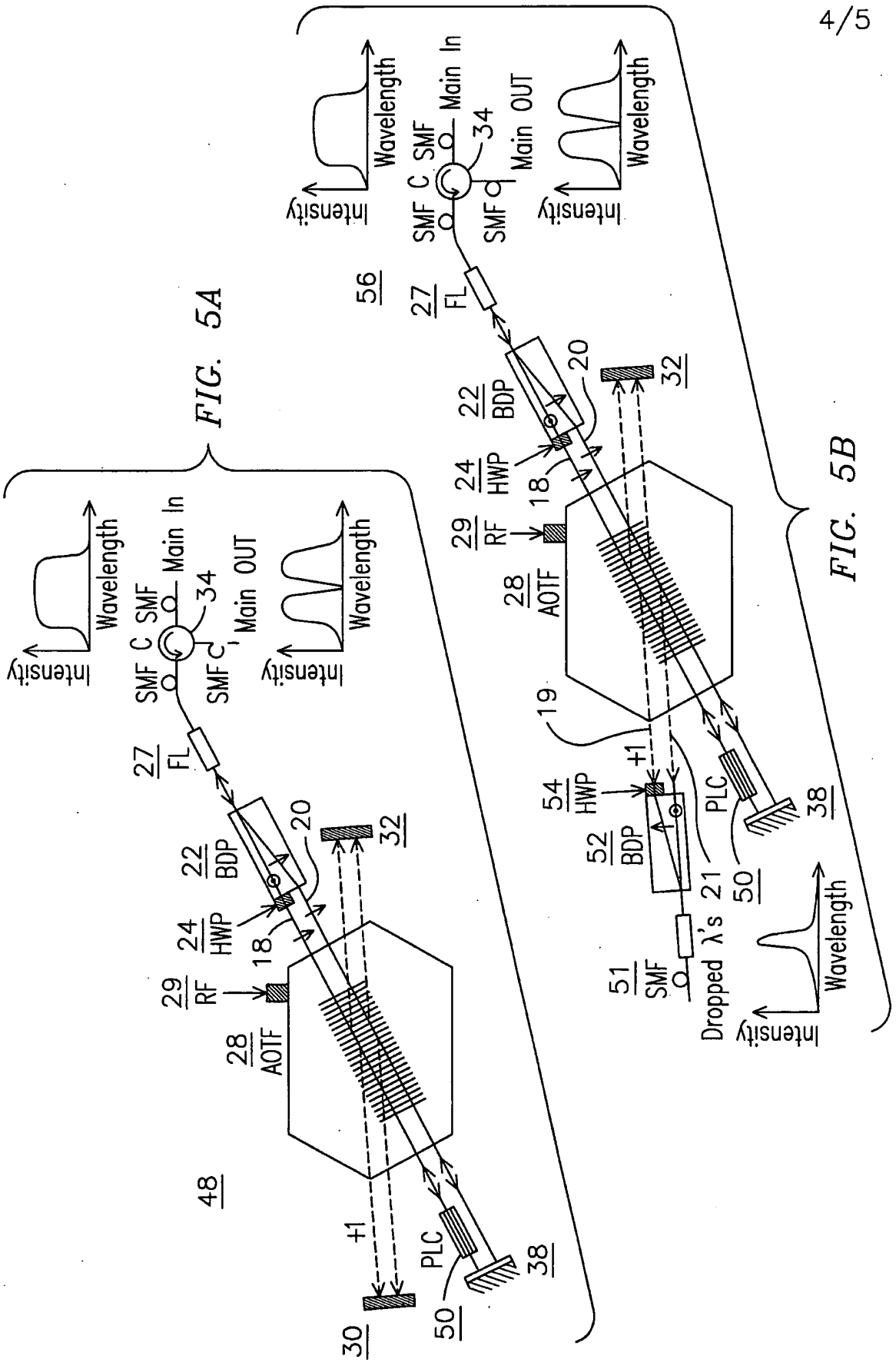
Intensity
Wavelength
SMF C
Main In
34
SMF C'
Main OUT
27
FL
22
BDP
20
32
24
HWP
18
29
RF
28
AOTF
48
+1
PLC
38
50
30
56
19
54
52
51
SMF
Dropped λ's
21

FIG. 5A

FIG. 5B

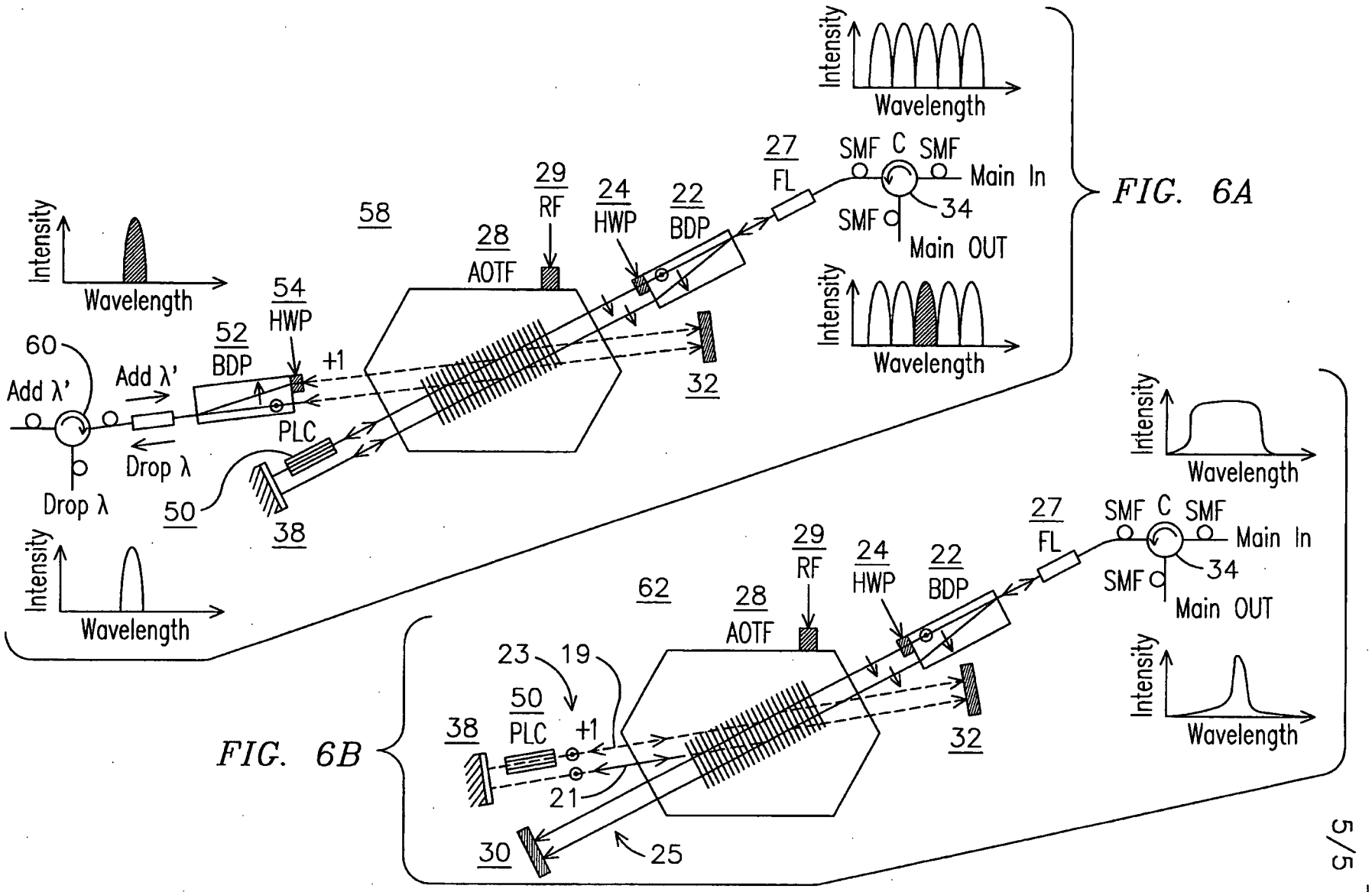

FIG. 6A

FIG. 6B

REPLACEMENT SHEET

5/5